| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |
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Application/Control No.

10/533,562

Examiner

Ly T. TRAN

Applicant(s)/Patent under Reexamination

OSHIMA ET AL.

Art Unit

2853

|          | Allowed  |
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| <b>√</b> | Rejected |

- (Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Final        | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17                                      | 1   |               |        |          |  |          |  |  |   | Final | 51<br>52<br>53<br>54 | ×        |   |          |                |  |  |          |   |
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|              | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16 | / / O O O O O O / / / / / / / / / / / /   |               |        |          |  |          |  |  |   |       | 52<br>53<br>54       | N        |   |          |                |  |  |          |   |
|              | 3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16      | / O O O O O O O O O O O O O O O O O O O   |               |        |          |  |          |  |  |   |       | 53<br>54             |          |   |          |                |  |  |          |   |
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|              | 7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                          | 0   |               |        |          |  |          |  |  |   |       | 55                   |          |   |          | <u> </u>       | ⊢  | _  | _        | L |
|              | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                               | 0<br>/<br>/<br>/<br>/<br>/                |               |        |          |  |          |  |  |   |       | 56                   |          |   |          |                |  |  |          | L |
|              | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16                                    |   |               |        |          |  |          |  |  |   |       | 57                   |          |   |          | _              | _  |  | Щ        | L |
|              | 10<br>11<br>12<br>13<br>14<br>15<br>16   | /<br>/<br>/<br>/                          |               |        | -        |  |          |  | Ш  |   |       | 58                   |          |   |          | _              |  |  | Ш        | L |
|              | 11<br>12<br>13<br>14<br>15<br>16   | /<br>/<br>/                               |               |        | ╁        |  |          |  | Ш  |   |       | 59                   | Ш        |   |          | <u> </u>       |  |  |          | L |
|              | 12<br>13<br>14<br>15<br>16   | /<br>/<br>/                               |               | +      | 1        | <del> </del>                                     |          | _  | -  |   |       | 60                   |          |   |          | $\vdash$       | _  |  | Ш        | H |
|              | 13<br>14<br>15<br>16   | /   | $\perp$       | - 1    | +        | $\vdash$   | ⊢        |  | $\vdash$   |   |       | 61                   | $\vdash$ |   | _        | <del>  -</del> | <u> </u>   |  | -        | - |
|              | 14<br>15<br>16   | 7   | !             | _      | +-       | ┢  | -        |  |  |   |       | 62<br>63             | -        |   |          | <u> </u>       |  |  | Н        | H |
|              | 15<br>16   |   |               |        | +        |  | -        |  | $\vdash$   |   |       | 64                   | H        |   |          | ┝              |  |  |          | ┝ |
| $\vdash$     | 16   |   | -+            | +-     | +        | -  | -        |  |  |   |       | 65                   | Н        | _ |          | ├─             | _  | $\vdash$   | Н        | H |
| l i          |  | <del>/</del>                              | -             | ╅      | +        | ╁  | _        | <u> </u>   | $\vdash$   |   |       | 66                   | Н        |   |          | $\vdash$       |  | $\vdash$   | Н        | H |
|              | 77   | 7   |               | +      | +        | <del>                                     </del> | -        | -  | $\vdash$   |   |       | 67                   | Н        | _ |          | ├─             |  | $\vdash$   | Н        | H |
|              | 18   | 7   | $\dashv$      | ╁      | ╁        | $\vdash$   |          |  |  |   |       | 68                   |          |   |          | $\vdash$       | -  |  | Н        | H |
|              | 19   | 0   | $\dashv$      | +      | $\vdash$ |  | ╁        | -  | H  |   |       | 69                   |          |   |          | $\vdash$       |  |  | H        | H |
| <del> </del> | 20   | 7   | $\dashv$      | +      | ╁        | ╁  | $\vdash$ |  | $\vdash$   |   |       | 70                   | Н        | _ |          | ├              | $\vdash$   |  | Н        | H |
|              | 21   | 7   | -             | +      | ╁        | 一  | $\vdash$ |  | -  |   |       | 71                   |          |   |          | $\vdash$       | $\vdash$   | -  | Н        | H |
|              | 22   | 7   | $\dashv$      | +      | ╁        | $\vdash$   | ╁        | _  | Н  |   |       | 72                   | Н        |   |          | ├              | $\vdash$   |  | Н        | H |
|              | 23   | N   | $\top$        | +      | +        |  | $\vdash$ |  | Н  |   |       | 73                   | Н        |   | _        | _              |  | _  |          | H |
|              | 24   | -   |               | +      | T        | H  | Т        |  | П  |   |       | 74                   | H        |   |          |                |  | <del>                                     </del> | <b>-</b> | r |
|              | 25   | 11  | $\neg \vdash$ |        | 1        |  |          |  |  |   |       | 75                   |          |   |          |                |  |  |          | t |
|              | 26   |   |               | ·      |          |  |          |  |  |   |       | 76                   |          |   |          |                |  |  |          | T |
|              | 27   | $\Pi$                                     | "   T         |        |          |  |          |  |  |   |       | 77                   | П        |   | _        |                |  |  | П        | r |
|              | 28   | $\top$                                    |               |        | 1        |  |          |  |  |   |       | 78                   |          |   |          |                |  |  | П        | Γ |
|              | 29   | П   |               |        | Τ        |  |          |  |  |   |       | 79                   |          |   |          |                |  |  |          | Γ |
|              | 30   | П   |               |        |          | Π  | Γ        |  |  |   |       | 80                   |          |   |          |                |  |  |          | Γ |
|              | 31   | Ш   |               |        |          |  |          |  |  |   |       | 81                   |          |   |          |                |  |  |          | Ĺ |
|              | 32   | П   |               |        |          |  |          |  |  |   |       | 82                   |          |   |          |                |  |  |          | L |
|              | 33   |   |               |        |          |  | L        |  |  |   |       | 83                   |          |   |          | _              |  |  |          | L |
|              | 34   | $\perp$                                   | _             | _      | _        | L  | _        |  |  |   |       | 84                   |          |   |          |                |  |  |          | L |
|              | 35   | Ш   |               | 4      | -        |  | <u> </u> |  |  |   |       | 85                   |          |   |          |                |  |  |          | L |
|              | 36   | Н   | _             | _      | -        | _  | _        |  | Ш  |   |       | 86                   |          |   |          | ļ              | _  |  |          | L |
|              | 37   | Ш   |               |        | $\bot$   | ļ  | _        |  | Ш  |   |       | 87                   |          |   | _        | ļ              | _  | _  |          | L |
|              | 38   | Н   | _             | 4-     | ↓_       | ₩  | ⊢        | _  | _  | 1 |       | 88                   |          |   |          | _              | <u> </u>   |  |          | L |
|              | 39   | $\vdash$                                  | _             | +      | $\bot$   | ┞  | ऻ        |  | Н  |   |       | 89                   | ļ        |   |          |                |  | _  |          | L |
| $\vdash$     | 40   | +   |               |        | -        | ├  |          |  |  |   |       | 90<br>91             | Н        |   |          | <u> </u>       | <u> </u>   | <u> </u>   | _        | L |
| $\vdash$     | 41<br>42   | ₩   | +             |        | ┿        | -  | _        |  | H  |   |       |                      | H        |   |          | -              |  |  | H        | H |
|              |  | ₩   | -             | +      | +        | $\vdash$   | ⊢        | $\vdash$   | H  |   |       | 92                   | H        |   |          |                |  | <u> </u>   | _        | Ł |
| <del></del>  | 43<br>44   | +   | +             | +      | ╁        | $\vdash$   | $\vdash$ | <del></del>                                      |  |   |       | 93<br>94             | $\vdash$ |   | -        |                |  | ├  | -        | ⊦ |
|              | 45   | +   |               | +      | ╁        | ├-   |          | -  |  |   |       | 95                   | $\vdash$ |   | $\vdash$ |                |  |  |          | ⊦ |
| +            | 46   | ++  | +             | +      | +        | ţ  |          |  |  |   |       | 96                   | -        |   | -        |                |  | $\vdash$   | H        | H |
| $\vdash$     | 47   | ++  | $\dashv$      | +      | +        | $\vdash$   | $\vdash$ | $\vdash$   | <del>                                     </del> |   |       | 97                   | $\vdash$ | _ | $\vdash$ |                | $\vdash$   | $\vdash$   | $\vdash$ | H |
|              | 48   | +   | $\dashv$      | +      | +        | $\vdash$   | 1        | $\vdash$   |  |   |       | 98                   | H        | _ | $\vdash$ |                | <del>                                     </del> | <del> </del>                                     |          | t |
| $\vdash$     | 49   | 1   | $\dashv$      | +      | T        | 1  | $\vdash$ | <del>                                     </del> |  |   |       | 99                   | Н        | - |          | _              | -  | $\vdash$   | H        | t |
|              | 50   | 1   | $\dashv$      | $\top$ | †        | <del>                                     </del> | T        | $\vdash$   |  |   |       | 100                  |          | _ | $\vdash$ | 1              | $\vdash$   | $\vdash$   | $\vdash$ | t |

| Cli      | aim               |          |            |                    | [  | Date   | <del>-</del>                                     |  |          |          |
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|          |                   |          |            |                    |  |  |  |  |          |          |
| Final    | Original          |          |            | -                  |  |  |  |  |          |          |
|          | 101               |          |            | H                  |  | -  |  |  |          | _        |
|          | 101               |          | ┝          |                    |  | H  | _  | _  |          | _        |
| ļ        | 102<br>103        | _        | <u> </u>   |                    |  |  | <u> </u>   | _  |          |          |
|          | 103               |          | <u> </u>   |                    |  | _  | <u> </u>   |  |          | _        |
|          | 104               |          | _          |                    |  |  |  |  |          |          |
|          | 105<br>106        |          |            |                    |  |  |  |  |          |          |
|          | 106               |          |            |                    |  |  |  |  |          |          |
|          | 107               |          |            |                    |  |  |  |  |          |          |
|          | 108               |          | _          |                    |  |  |  |  |          |          |
|          | 108<br>109        |          |            |                    |  |  |  |  |          |          |
|          | l 110             |          |            |                    |  |  |  |  |          |          |
|          | 111<br>112<br>113 |          |            |                    |  |  | -  |  | _        |          |
|          | 112               |          |            |                    |  | _  | _  |  |          |          |
|          | 113               | _        | -          | _                  | _  |  | -  | _  | _        | _        |
|          | 114               |          | $\vdash$   |                    | -  | ├─   | -  | _  |          |          |
| <u> </u> | 114<br>115        | _        | $\vdash$   | _                  | -  | -  |  |  | -        | -        |
|          | 115               |          | -          |                    |  |  |  |  | -        | <u> </u> |
| <u> </u> | 116<br>117        |          | -          |                    | <u> </u>                                     | _  |  |  |          | <u> </u> |
|          | 117               |          |            |                    | _  | _  |  |  | _        | _        |
|          | 118               |          |            | <u></u>            | <u> </u>                                     | _  |  |  | _        |          |
|          | 119               |          |            | $oxed{}$           | _  |  |  |  |          |          |
|          | 120               |          |            |                    | <u>.                                    </u> |  |  | -  |          |          |
|          | 121               |          |            |                    |  |  |  |  |          | Π        |
|          | 122               |          |            |                    |  |  |  |  |          |          |
|          | 123               |          |            |                    | Г  |  |  |  |          |          |
|          | 122<br>123<br>124 |          |            |                    | Ι-   | -  | _  | _  | $\vdash$ |          |
|          | 125               | -        | _          | _                  |  | <del>                                     </del> |  |  | $\vdash$ |          |
|          | 126               | _        |            | $\vdash$           | $\vdash$                                     |  |  | _  | ┢        | $\vdash$ |
| $\vdash$ | 125<br>126<br>127 | _        | _          |                    |  |  | -  | _  | -        | -        |
|          | 128<br>129<br>130 |          |            |                    | $\vdash$                                     | $\vdash$   |  |  | $\vdash$ |          |
| <u> </u> | 120               |          |            |                    | -  |  | $\vdash$   |  | $\vdash$ | -        |
| <b></b>  | 120               | _        |            | -                  | $\vdash$                                     | ┝  | -  |  | _        | ├─       |
| <u> </u> | 131               |          | -          | -                  | -  | -  | _  | _  |          | _        |
| <u> </u> | 132               | -        | -          | _                  | ├  | <u> </u>   |  | _  | -        |          |
|          | 132               | -        |            |                    | <u> </u>                                     |  |  |  | $\vdash$ | _        |
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|          | 135               |          | _          |                    | _  | <u> </u>   | <u> </u>   | _  |          | ļ        |
| <u> </u> | 136<br>137        | <u> </u> | <b> </b> _ | $\vdash$           |  | <u> </u>   |  | Щ  |          |          |
|          | 137               | <u> </u> | <u> </u>   | L.                 | _  | _  | L  | _  | L        |          |
|          | 138               |          |            |                    | _  | _  | <u> </u>   | Ш  | L_       | <u> </u> |
| <u> </u> | 139               |          | L_         |                    |  |  |  |  | L        | <u> </u> |
|          | 140               |          | L_         |                    | <u> </u>                                     | _  | L.   |  |          |          |
|          | 141               |          |            | <u> </u>           | L_   | <u> </u>   |  |  |          |          |
|          | 142               |          | L          | $oxedsymbol{oxed}$ | L  | L  |  |  | L        |          |
|          | 143               |          | L          |                    |  |  |  |  |          |          |
|          | 144               |          |            |                    |  | <u> </u>   |  |  |          |          |
|          | 145               | Γ.       |            |                    | <u> </u>                                     | <u> </u>   |  |  |          | Г        |
|          | 146               |          |            |                    | Г  |  | l  | <u> </u>   |          |          |
|          | 147               |          | Г          |                    |  |  |  |  |          |          |
|          | 148               |          |            | T                  |  | Г  |  | <b> </b>   | _        | <u> </u> |
| <u> </u> | 149               | $\vdash$ |            | Т                  |  | _  | <del>                                     </del> |  |          |          |
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